

Date: Tue, 12 Oct 93 08:11:42 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1213
To: Info-Hams

Info-Hams Digest Tue, 12 Oct 93 Volume 93 : Issue 1213

Today's Topics:

"safe" cars for mobile VHF/UHF?
 FT-530 mod (2 msgs)
 idea for ground radials
 I LOVE CW!!!!
 JNOS/ka9q under Coherent
 More freebies!
 MOTOROLA
 Motorola ad in QST
 Motorola ad in QST?
 Need Delta for Digital VHF
Sources for Newsline Program?
 When is Dayton??
 Yet MORE freebies!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 12 Oct 1993 08:10:32 -0400
From: noc.near.net!genrad.com!genrad.com!not-for-mail@uunet.uu.net
Subject: "safe" cars for mobile VHF/UHF?
To: info-hams@ucsd.edu

>> Jon W McCombie (jwm@world.std.com) wrote:
>>I've read about problems that hams have had with the
>> : engine CPU in certain cars--most notably Toyotas--.....
>> :
>> From PCKWong VS6XVI : In Hong Kong, nearly 90% running on thr road are

>> Japanese cars and TOYOTA is a hot favour. I never heard about this or
>> happened in Hong Kong. All Japs cars right here are real Japs (made in
>> Japan). Maybe some USA made TOYOTA (or HONDA) have such problem.

Dave has a 1991 Honda Accord and he has installed in it a 50 watt 2 meter
radio. There are NO PROBLEMS whatsoever with it.

By the way, I think he told me that the Honda Accord is made with 90%
American made parts....

Diana

--

->Diana L. (Syriac) Carlson dls@genrad.com Ham: KC1SP (Sweet Pea) <-

->I'D RATHER BE FLYING! P-ASEL, INST CAP: CPT, Freedom 690 Mobile<-

->AD ASTRA, PER ASPERA Airplane: None :-(

<-

->GenRad, MS/6, 300 Baker Ave, Concord, Mass. 01742 (508)369-4400 x2459 <-

Date: 12 Oct 93 13:58:24 GMT

From: ogicse!uwm.edu!spool.mu.edu!darwin.sura.net!rsg1.er.usgs.gov!

dgg.cr.usgs.gov!bodoh@network.ucsd.edu

Subject: FT-530 mod

To: info-hams@ucsd.edu

In article <POPOVICH.930ct11232946@prince.cs.columbia.edu>,
popovich@cs.columbia.edu (Steve Popovich) writes:

|> > YAESU FT-530

|> >

|> > Expanded Receive 110-180, 300-500 MHz

|> > Expanded Transmit 130-180, 400-470 MHz

|> >

|> > NOT LEGAL IN U.S.A - FOR EXPORT ONLY

|>

|> In what way is this mod "not legal"? The expanded receive doesn't
|> cover the cellular band, so the ECPA doesn't come into it, and I don't
|> know of any other restrictions on ownership or modification (as
|> opposed to use of possibly modified equipment) of radio receivers
|> and/or transmitters (well, besides the 11 meter amplifier ban, which
|> also doesn't apply). So what law is this mod against, or is this
|> disclaimer just a "CYA" measure?

|> -Steve, WB3I

It may not mention it in the mod, but according to owners that have done it
this mod does open up the 800 Mhz band, including cellular. Most high end
VHF/UHF rigs do get 800 Mhz these days - and some 2M rigs receive 400 Mhz
range after mods. It will become illegal to import or manufacture a radio

that is capable of scanning more than 4 channels and can receive or be easily modified to receive cellular on 4/26/94. It is not illegal now - it is only illegal if you actually listen...

--

```
+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT          +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198      (605) 594-6830  +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
+++++
```

Date: 12 Oct 1993 07:47:22 CDT
From: mdisea!mothost!schbbs!maccvm.corp.mot.com!CSLE87@uunet.uu.net
Subject: FT-530 mod
To: info-hams@ucsd.edu

----- Original Article -----

From: popovich@cs.columbia.edu (Steve Popovich)
Newsgroups: rec.radio.amateur.misc
Subject: Re: FT-530 mod
Date: 11 Oct 93 23:29:46
Organization: Columbia University
In-reply-to: RGS%gms@gfimda.UUCP's message of 11 Oct 93 15:10:38 GMT
> YAESU FT-530
>
> Expanded Receive 110-180, 300-500 MHz
> Expanded Transmit 130-180, 400-470 MHz
>
> NOT LEGAL IN U.S.A - FOR EXPORT ONLY

In what way is this mod "not legal"? The expanded receive doesn't cover the cellular band, so the ECPA doesn't come into it, and I don't know of any other restrictions on ownership or modification (as opposed to use of possibly modified equipment) of radio receivers and/or transmitters (well, besides the 11 meter amplifier ban, which also doesn't apply). So what law is this mod against, or is this disclaimer just a "CYA" measure?

-Steve, WB3I

The mod is illegal because FCC R&R require that transmitters operating in the 148-174 MHz range MUST be Type Accepted. Operation of any non-TAd device is a violation subject to fines of up to \$10,000 PER OCCURANCE

and forfeiture of the device. Suggest you read 47 CFR Ch. I, 90.203, 2.803, etc. It's been this way since 1955, but some folks still insist that hams can do anything to be prepared for emergencies, including such violations. You must start with a legally compliant station and operator before trying to invoke the so-called "emergency" clauses!

BTW, that's why the FCC has licensing for commercial operators and tests them on those portions of the rules!

Date: 12 Oct 93 15:26:38 GMT
From: news-mail-gateway@ucsd.edu
Subject: idea for ground radials
To: info-hams@ucsd.edu

Chris Moore <cmoore@mothra.rose.hp.com> wrote:-

>Scott Ginsburg (ginsburg@wellfleet.COM) wrote:

>

>: Has anyone tried the following idea ...

>: The cable after being chopped up would look something like:

>

>: ----- 34'

>: ----- 23'

>: ----- 16'

>: ----- 11'

>: ----- 8'

>

>Your diagram reminds me of ribbon cable...I wonder if you could do something
>like this with ribbon cable? You could easilly cut off individual conductors.
>What are the wire guage requirements for ground radials? Ribbon cable is
>usually a pretty small guage.

I would suggest using nothing less than #16 wire for radials, otherwise the RF losses would be rather high. I would suggest using rotator cable, or something similar. I have seen a 3-legged version of the above done with #8 3-phase AC powerline cable; low RF resistance (in other words, lots of cross sectional area) is the important thing.

Pete Lucas NERC Computer Services Swindon England
pjml@swmis.nsw.ac.uk OR pjml@uk.ac.nsw.swmis OR g6wbj@gb7sdn.gbr.eu

Date: Tue, 12 Oct 93 13:55:00 GMT
From: mnemosyne.cs.du.edu!nyx!lkollar@uunet.uu.net
Subject: I LOVE CW!!!!

To: info-hams@ucsd.edu

wdh@oversteer.Eng.Sun.COM (Dennis Henderson) writes:

>Real ham radios don't have microphones.

>...Dennis Henderson, N6TTW

You're right -- *real* ham radios have keyboards!!!

--

Larry Kollar, KC4WZK | I like CW, but that doesn't mean I think every ham
lkollar@nyx.cs.du.edu | should have to learn it.

"You mean you came back from the dead, to tell me I'm *odd*?"

Date: 12 Oct 93 14:11:40

From: korie!sh.wide!wnoc-tyo-news!nec-tyo!necspl!bs2news!bs2news!mike@ames.arpa

Subject: JNOS/ka9q under Coherent

To: info-hams@ucsd.edu

>>>> On Wed, 6 Oct 1993 16:57:38 GMT, bbigb.roch817@xerox.com (Bruce Bigby) said:

> How does one use Coherent 4.2 with X-Window and ka9q to communicate with another X-Window system, such as a Sun Workstation? I understand that SLIP makes a serial port/modem look like a TCP/IP connection of some sort. My goal is to be able to run an X program on a remote workstation and display the GUI on my coherent system. I appreciate any comments on the subject.

That could work but not at high speed, if the remote workstation is on the same site you could also use Ethernet LAN as ka9q can be implemented over that too.

I have used the DOS version to be able to plug an IBM compatible PC into our company (UNIX) network and ftp and telnet to Sun and other workstations. The X Window system makes calls over the TCP/IP suite and would typically be used over ethernet as the physical medium. I was not aware that it available on Coherent, but if it is you have all the bits. My one reservation would be the interface between Coherent X Window and Coherent ka9q.

--

Mike Collinson

Assistant Manager, Product Engineering Dept., UX Software Development Div.,
NEC Corporation, Daito Tamachi Building, 14-22 Shibaura 4-Chome,
Minato-ku, Tokyo 108, JAPAN

Email: mike@uxp.bs2.mt.nec.co.jp

Fax: +81-3-3456-6675

Tel: +81-3-3456-7451

Date: 12 Oct 93 09:16:46 EDT

From: psinnntp!arrl.org@uunet.uu.net

Subject: More freebies!

To: info-hams@ucsd.edu

Interested in the Amateur Radio Service, but don't know where to turn to locally for assistance?

Well, one of the very best ways to get a local helping hand is to establish a relationship with your local Amateur Radio club. And most areas of the country have more clubs than you'd think possible.

Ah, but the eternal question is always "Say, just how DO I contact an Amateur Radio club near me?"

Well, folks, do I have a deal for you!

For the price of a message to me here at ARRL HQ, (SEEMS cheap enough!) and a specific request, I can get you listings of more clubs than you'd ever want to visit.

To make it happen, please send me a message with your name, your mailing address, and a specific request for the Amateur Radio clubs in your area. I'll get them right out to you.

And for those of you who are already licensed radio amateurs, remember, your local clubs represent an ENORMOUS resource for you.

Having trouble with TVI or local ordinances that affect your capability to serve the public by way of your Amateur Radio license? Interested in finding someone to assist with a tower installation? Need to locate a kindred spirit that understands YOUR concerns about Amateur Radio satellite operation or digital networking via Amateur Radio? Chances are that someone in your club can help.

Another free service, brought to you by the world's largest support organization for the Amateur Radio Service

> -WB4YUC
>

I will assume by your statement that Hams are a group of people who largely responsible for the "illegal" modifications to Motorola equipment. This statement is also based upon my observation they did not post a similar advertisement in Communications magazine (a trade journal for dealers and repair shops in the landmobile community).

73, Wes WB8CEH

Date: Tue, 12 Oct 1993 13:04:41 GMT
From: brunix!pstc3!md@uunet.uu.net
Subject: Motorola ad in QST
To: info-hams@ucsd.edu

In article <19930ct11.141736.4186@lmpsbbs.comm.mot.com>,
burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

|> Oh, I do understand, bottom line is the company owns the software and
|> you, the customer, is being allowed to use it. Period.

Yes, and without a specific licensing agreement to the contrary, modification of said software for personal customization is perfectly legal.

|> You go buy a book or sheet music and what you have is a copy.
|> You don't own the story line and you don't own the melody.

Nope, but you can certainly change the story around for your own personal use, can't you? And, you can hire a person to change the story around for you.

MD
--
-- Michael P. Deignan
-- Population Studies & Training Center
-- Brown University, Box 1916, Providence, RI 02912
-- (401) 863-2668

Date: Tue, 12 Oct 1993 13:01:19 GMT
From: brunix!pstc3!md@uunet.uu.net
Subject: Motorola ad in QST?

To: info-hams@ucsd.edu

In article <1993Oct11.140904.3955@lmpsbbs.comm.mot.com>,
burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

|> This was a bad example. If a customer buys a radio minus a certain feature that
|> would have to be paid for, then the customer finds someone who can add it
|> by hacking the software - that's where the violation is.

Except, of course, that 3rd party, aftermarket firmware modifications are
perfectly legal, despite what Motorola attempts to pass off.

If Motorola doesn't want customers to gain access to certain features,
then they shouldn't build them into radios, period.

MD

--

-- Michael P. Deignan
-- Population Studies & Training Center
-- Brown University, Box 1916, Providence, RI 02912
-- (401) 863-2668

Date: 12 Oct 1993 14:01:24 GMT
From: mcsun!news.forth.gr!helios.intranet.gr!zpian@uunet.uu.net
Subject: Need Delta for Digital VHF
To: info-hams@ucsd.edu

If you read this message please repost it to rec.radio.amateur.equipment

-----Original Message-----

I am having a hard time in finding radio equipment that have built-in
delta modulators for digitized voice.

I would appreciate any help (Brands, types and fax numbers) at
zpian@intranet.gr
or at this newsgroup.

Thanks
Zack

Date: 12 Oct 93 14:03:01 GMT
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!uxa.cso.uiuc.edu!btbg1194@network.ucsd.edu

Subject: Sources for Newslane Program?
To: info-hams@ucsd.edu

Our local weekly 2 meter net has played the Newslane program for the past several years. One of the local hams would record the program by a phone dialup line and then play it back. This has required a long distance call and Ma Bell has been the main benefactor of this activity.

We would like to redirect that money directly *to* Newslane by finding a *different* source for the program audio. I have heard Newslane replayed on HF on weekend afternoons and I have also heard that the program can be gotten from satellite feeds.

I would appreciate any and all leads to alternative sources for Newslane audio. (frequencies, times, ...)

Thanks!

73 de KB8CNE, Brad Banko

--

Brad Banko; Univ of Illinois; b-banko@uiuc.edu
===== Ich habe kein Bock mehr zu schreiben. =====
See one. Do one. Teach one. 73 de kb8cne @ n9lnq.il

Date: Tue, 12 Oct 1993 08:34:28 GMT
From: swrinde!dptspd!TAMUTS.TAMU.EDU!cs.utexas.edu!math.ohio-state.edu!
magnus.acs.ohio-state.edu!usenet.ins.cwru.edu!news.ecn.bgu.edu!
feenix.metronet.com!marcbg@network.ucsd.edu
Subject: When is Dayton??
To: info-hams@ucsd.edu

In article <21870047@hplvec.LVLD.HP.COM> tcline@hplvec.LVLD.HP.COM (Ted Cline) writes:

>> In rec.radio.amateur.misc, marcbg@feenix.metronet.com (Marc Grant) writes:
>> Does anyone know the dates for Dayton in '94??
>
>Yes, there is confusion over the dates, but I'm making my reservations for
> April 29, 30, May 1, 1994.
>----> I encourage a Dayton ham to contact the DARA (Dayton Amateur Radio
> Association) and post a confirmation for us.

Folks:

I called DARAs information line and they called me back, telling me that the dates DEFINETLY are April 29, 30 and May 1 1994.

See y'all in Dayton

Marc, N

Date: 12 Oct 93 13:17:09 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: Yet MORE freebies!
To: info-hams@ucsd.edu

Yet another of the many free services that ARRL HQ offers is the ability to obtain Reciprocol Operating permit information.

Matter of fact, ARRL HQ is the ONLY place on the planet where this information resides!

"Awrite, already" sez you, "why would I ever want one, and how much are ya gonna burn me to GET one?" "Glad you asked!" sez I

Radio amateurs are a constantly-travelling, very mobile, bunch of folks, it appears, and their travels clearly take them to countries near and far. Myself, I prefer "far" rather than 'near', but if you're inclined to travel to Canada, you can ignore this whole tome, as the Canadian government and our own here in the States have worked out an automatic-reciprocity agreement.

But if Belize is on your itinerary perhaps, or any of the other many countries with whom we share a reciprocol operating agreement, you're in luck! Many foreign administrations DO allow U.S. Amateur Radio licensees to apply for a reciprocol operating permit, and you need but ask us for the complimentary package that we make available.

To make your trip more enjoyable in that regard, we need:

1. Your name
2. Your mailing address
3. A specific request for the RECIPOP package for the specific country you'll be off to.

And, yes, an e-mail request is fine!

			Deputy Manager, Field Services, ARRL.	
		___	The ARRL Amateur Radio Emergency Service, the ARRL	
	uck		urder	National Traffic System, The Amateur Auxiliary to
-----			the FCC's Field Operations Bureau, the ARRL	

KY1T

Field Organization and the ARRL Monitoring System.

lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

Date: 12 Oct 93 14:38:58 GMT
From: ogicse!uwm.edu!linac!att!cbnewsm!jeffj@network.ucsd.edu
To: info-hams@ucsd.edu

References <CELCA1.FMK@cbnewsm.cb.att.com>, <mbjn29INN8vf@exodus.Eng.Sun.COM>,
<1993Oct12.135500.19688@mnemosyne.cs.du.edu>
Subject : Re: I LOVE CW!!!!

In article <1993Oct12.135500.19688@mnemosyne.cs.du.edu> lkollar@nyx.cs.du.edu
(Larry Kollar) writes:

>
>wdh@oversteer.Eng.Sun.COM (Dennis Henderson) writes:
>
>>Real ham radios don't have microphones.
>
>>...Dennis Henderson, N6TTW
>
>You're right -- *real* ham radios have keyboards!!!

As in my case a CW keyboard! Of course I have a glass case with a
microphone in it on my wall and on it a sign that says " In case of
emergency break glass". Never know when the keyboard or my key is
going to break. 8-)

Jeff

--

Jeff Jones AB6MB		OPPOSE THE NORTH AMERICAN FREE TRADE AGREEMENT!
jeffj@seeker.mystic.com		Canada/USA Free Trade cost Canada 400,000 jobs.
Infolinc BBS 510-778-5929		Want to guess how many we'll lose to Mexico?

Date: 12 Oct 93 07:03:04 EDT
From: munnari.oz.au!spool.mu.edu!caen!malgudi.oar.net!mercury.wright.edu!
desire.wright.edu!matrix.cs.wright.edu!isoper@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Oct8.132113.28347@hemlock.cray.com>, <2534@indep1.UUCP>,
<wa2iseCEo5D5.Eoz@netcom.com>c
Subject : Re: Motorola ad in QST?

In article <wa2iseCEo5D5.Eoz@netcom.com>, wa2ise@netcom.com (Robert Casey) writes:

> Found this on packet:

>

> Date: 06 Oct 93 15:14

> From: N1NRA@KD2AJ

> To: INFO@ALLUSA

> Subject: Re: Motorola Ad Oct QST

>

> For those of you that have read the ad on page 161 of the Oct 93 QST and
> are puzzled by its intent, I would suggest that you make the call to the
> listed 800 number and ask for Mr. Tony Beill. This gentleman will be more
> than glad to convey Motorola's intention behind this ad.

> Mr Beill heads Motorola's product security division and of course will have
> all the answers for your questions.

>

> John...N1NRA

> -end- of copied file

How about if Mr. Beill posts Motorola's policy on the net instead. This way
everyone interested could get the info where it is being debated.

73, Wes WB8CEH

Date: Mon, 11 Oct 1993 16:11:43 GMT

From: rit!sunsrvr6!jdc@cs.rochester.edu

To: info-hams@ucsd.edu

References <1993Oct10.022206.6194@ulb.isc.rit.edu>, <owg8ac1w165w@sytex.com>,
<29a3dv\$mq1@newsserv.cs.sunysb.edu>i

Subject : Re: Turning in RFI generating PC's to FCC

In article <29a3dv\$mq1@newsserv.cs.sunysb.edu>,

Rick Spanbauer <rick@cs.sunysb.edu> wrote:

>

> Advice to the original poster (N2VNO): Jim, my gateway DX/66 does
> get into some of the receivers in the shack here. Gateway does a
> reasonable job of shielding. My advice is to do what the rest of
> us do, ie go the Radio Shack and buy/install some ferrite chokes on
> your serial/power/monitor cables, clean paint off the metal surfaces
> of the case to ensure good ground, etc. IMO, you've gone about this
> in the wrong way in calling the FCC.

>

>: Robert J. Keller (KY3R) | rjkeller@sytex.com
>
> Rick Spanbauer (WB2CFV)
> State University of New York
>

I'm in the process of doing just that (shielding, ferrites, etc.).
However, there would have been fewer problems if the PC was shielded
as well as the Gateway's I've seen.

Computer dealers are human, too. If they 'fessed up to cutting corners
to keep costs down, and offered to help fix it, everything would have been
OK.

On the other hand, just think of the increasing amount of RF junk generated
by millions of PC's, electronic-ballast flourescent lights, etc. It's all
pollution of a shared resource, just like coal-fired powerplants belching
sulfur dioxide into the air.

Jim

End of Info-Hams Digest V93 #1213
